

## **PATRICK W. (PAT) McGUIRE**

### **ASSISTANT MANAGER FOR NUCLEAR MATERIAL STABILIZATION**



Patrick W. (Pat) McGuire was named the Assistant Manager for the Nuclear Material Stabilization for the U.S. Department of Energy (DOE) Savannah River Operations Office (SR) at the Savannah River Site (SRS) in June 2007. In this role, he provides overall leadership and direction for the safe, secure, and efficient operation of Nuclear Material Stabilization facilities and activities, which includes receipt, transportation, storage, stabilization, and disposition of special nuclear materials and by-products. Mr. McGuire also leads the oversight of the Savannah River National Laboratory which creates and deploys practical, high-value, cost-effective technology solutions to sites across the DOE Complex, and throughout the world, in meeting Environmental Management, National Security and Clean Energy objectives. He entered the Senior Executive Service in 2007.

Previously, Mr. McGuire served as the Director of the DOE-SR Nuclear Material Programs Division where he directed all programmatic, technical and environmental compliance activities associated with the receipt, transportation, storage and stabilization of Spent Nuclear Fuel, Uranium, Plutonium, and other special nuclear materials.

In 1991, Mr. McGuire joined DOE-SR as a Nuclear Safety Engineer within the Separations Division. Since that time, he has held a variety of leadership and management positions at SRS. In 2000, he was selected as the Director, Nuclear Material Engineering Division, providing direction and oversight for the planning, preparing, reviewing and approving of Documented Safety Analyses, Technical Safety Requirements and Criticality Analyses for all nuclear material stabilization and storage facilities. In this capacity, Mr. McGuire was responsible for overseeing the development of structures, systems, components and controls to ensure safe and reliable facility operations to protect the workers, the public and the environment.

Prior to joining DOE, Mr. McGuire worked for the U. S. Department of Defense at the Charleston Naval Shipyard beginning where he held a variety of engineering and management positions related to reactor refueling operations aboard naval nuclear submarines.

Mr. McGuire's professional career span 32 years with assignments encompassing a diverse and wide range of responsibilities, authority, and complexity, including extensive leadership experience in technical program management, project management, engineering and operations in DOE and the U.S. Navy's Nuclear Propulsion Program.

Mr. McGuire holds a Bachelor of Science degree in Chemical Engineering and Engineering and Public Policy from Carnegie-Mellon University. He is a registered Engineer-In-Training in the State of Pennsylvania. He is qualified in the DOE Technical Qualification Program in the functional areas of Nuclear Safety Systems and Senior Technical Safety Manager. He is also certified as a Level II Federal Project Director, a Contracting Officer Representative, and serves as Emergency Manager.

Mr. McGuire resides in Aiken, South Carolina, with his wife, Lisa.